## **EAST Search History**

| Ref# | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|---|---------------------|---------|---------------------|
| LB   | 21   | (US-20020049621-\$ or US-20010053993-\$ or US-20010053993-\$ or US-20030018506-\$ or US-20030018506-\$ or US-20020152411-\$ or US-20020152411-\$ or US-20030065534-\$ ).did. or (US-5778345-\$ or US-5963911-\$ or US-596391733-\$ or US-596391733-\$ or US-5991868-\$ or US-5991733-\$ or US-5991868-\$ or US-59172985-\$ or US-59172985-\$ or US-59174985-\$ or US-5917497-\$ or US-5976082-\$ or US-59760 | US-PGPUB;<br>USPAT  | OR                  | ON      | 2009/06/22          |
| L9   | 13   | L8 and (effective\$4<br>or medical or<br>efficacy)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/06/22<br>11:26 |
| L10  | 14   | L8 and (resource<br>near allocation)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/06/22<br>11:26 |
| L11  | 7    | L9 and (resource<br>near allocation)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/06/22<br>11:27 |

| L12 | 6   | L8 and (effective\$4 or efficacy) and medic\$3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | <b>6</b> | 2009/06/22<br>11:27 |
|-----|-----|--|--|----|----------|---------------------|
| L13 | 0   | (resouce adj<br>allocation) and<br>((time near<br>windows) or (cohort<br>near3 time)) and<br>(efficacy or<br>effectiveness) and<br>medic\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OC       | 2009/06/22<br>11:39 |
| L14 | 27  | (resource adj<br>allocation) and<br>((time near<br>windows) or (cohort<br>near3 time)) and<br>(efficacy or<br>effectiveness) and<br>medic\$3 | US-PGPUB;<br>USPAT;<br>USPOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON       | 2009/06/22<br>11:39 |
| S1  | 0   | ("10693790").PN.   | USPAT; USOCR   | OR | OFF      | 2008/01/02<br>10:16 |
| S2  | 0   | "10693790"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON       | 2008/01/02<br>10:16 |
| S3  | 1   | "10/693790"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON       | 2008/01/02<br>10:16 |
| S4  | 1   | "PCT/US02/21225"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON       | 2008/01/02<br>11:29 |
| S5  | 165 | "optimal resource<br>allocation"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON       | 2008/01/02<br>17:24 |

| S6         | 60    | \$5 and @pd <=<br>"20031025"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR |    | 2008/01/02<br>17:24 |
|------------|-------|--|---|----|----|---------------------|
| <b>S</b> 7 | 46134 | "12" and (strata or<br>subgroups or<br>category or<br>variable)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/03<br>09:17 |
| S8         | 166   | "optimal resource<br>allocation"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/03<br>09:18 |
| S9         | 60    | \$8 and @pd <=<br>"20031025"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/03<br>09:18 |
| S10        | 44    | S9 and (strata or<br>subgroups or<br>category or<br>variable)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/03<br>09:18 |
| S11        | 12    | S10 and (medical or<br>actuarial or<br>insurance or<br>marketing or<br>advertising) and<br>application | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/03<br>09:19 |
| S12        | 166   | "optimal resource<br>allocation"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/03<br>17:01 |
| S13        | 60    | \$12 and @pd <=<br>"20031025"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | OR | ON | 2008/01/03<br>17:01 |

| S14 | 44 | S13 and (strata or<br>subgroups or<br>category or<br>variable)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | Managaran da |    | 2008/01/03<br>17:01 |
|-----|----|--|---|--|----|---------------------|
| S15 | 12 | S14 and (medical or<br>actuarial or<br>insurance or<br>marketing or<br>advertising) and<br>application | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/01/03<br>17:01 |
| S16 | 0  | S15 and CATVAR   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/01/03<br>17:01 |
| S17 | 0  | S13 and "category<br>variable"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/01/03<br>17:02 |
| S18 | 0  | S13 and "time<br>segment"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/01/03<br>17:02 |
| S19 | 40 | S13 and variable   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/01/03<br>17:03 |
| S20 | 0  | S13 and "adjusted<br>variable"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/01/03<br>17:03 |
| S21 | 4  | S13 and "net value"  | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | OR   | ON | 2008/01/03<br>17:04 |

| S22 | 166   | "optimal resource<br>allocation"                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR |      | 2008/01/07<br>16:57 |
|-----|-------|---|---|----|------|---------------------|
| S23 | 60    | \$22 and @pd <=<br>"20031025"                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | 00 N | 2008/01/07<br>16:57 |
| S24 | 44    | \$23 and (strata or<br>subgroups or<br>category or<br>variable) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2008/01/07<br>16:57 |
| S25 | 44    | \$23 and (strata or<br>subgroups or<br>category or<br>variable) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2008/01/07<br>16:57 |
| S26 | 166   | "optimal resource<br>allocation"                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2008/01/07<br>17:12 |
| S27 | 1     | "disease<br>management" and<br>\$26                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2008/01/07<br>17:12 |
| S28 | 46136 | "I2" and (strata or<br>subgroups or<br>category or<br>variable) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2008/01/07<br>17:13 |
| S29 | 33    | "disease<br>management" and<br>\$28                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | OR | ON   | 2008/01/07<br>17:13 |

| S30         | 22   | sensitivity and<br>response and causal<br>and strata and<br>predict   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/07<br>17:16 |
|-------------|------|---|---|----|----|---------------------|
| S31         | 1351 | forecast\$2 and<br>predict\$3 and<br>response and allocat<br>\$3 and resource   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/07<br>17:20 |
| S32         | 487  | S31 and @pd <=<br>"20031025"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/07<br>17:21 |
| S33         | 77   | S32 and "resource<br>allocation"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/07<br>17:21 |
| S34         | 47   | S33 and (category<br>or strata)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/07<br>17:22 |
| <b>S</b> 35 | 29   | resource adj<br>(utilization or<br>allocation or forecast<br>\$3 or demand or<br>predict\$3) and<br>("disease<br>management" or<br>statistic\$2 or strata)<br>and cohort and time | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/08<br>08:50 |
| S36         | 2    | "5692125".PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/08<br>11:14 |
| S37         | 2    | "5778345".PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/08<br>12:50 |

| S38 | 46163 | "12" and (strata or<br>subgroups or<br>category or<br>variable)               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | <b>0</b>   | 2008/01/09<br>09:42 |
|-----|-------|---|---|----|--|---------------------|
| S39 | 0     | S38 and "cohort<br>time"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | SON STATE OF THE S | 2008/01/09<br>09:42 |
| S40 | 17    | S38 and "experience<br>time"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2008/01/09<br>09:43 |
| S41 | 15    | "resource allocation"<br>and cohort and<br>"time frame"                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2008/01/09<br>09:44 |
| S42 | 1351  | forecast\$2 and<br>predict\$3 and<br>response and allocat<br>\$3 and resource | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII   | 2008/01/09<br>09:48 |
| S43 | 36    | S42 and (predicted<br>or projected)adj<br>outcomes                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2008/01/09<br>09:48 |
| S44 | 487   | S42 and @pd <=<br>"20031025"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2008/01/09<br>09:54 |
| S45 | 77    | S44 and "resource<br>allocation"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | OR | ON   | 2008/01/09<br>09:54 |

| S46 | 47                                     | S45 and (category<br>or strata)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/09<br>09:54 |
|-----|--|--|---|----|----|---------------------|
| S47 | 0                                      | S46 and resource<br>adj (utilization or<br>allocation or forecast<br>\$3 or demand or<br>predict\$3) and<br>("disease<br>management" or<br>statistic\$2 or strata)<br>and cohort and time                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/09<br>09:54 |
| S48 | 5                                      | "optimizing resources" and (specified or desired or projected) adj (outcomes or results)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/09<br>10:15 |
| S49 | 74                                     | ("optimizing resources" or "resource allocation" or "resource utilization") and (specified or desired or projected or forecast) adj (outcomes or resoults)   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/09<br>10:19 |
| S50 | 28                                     | S49 and @pd <=<br>"20031025"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/09<br>10:20 |
| S51 | —————————————————————————————————————— | "health care management" and cohort and time adj (frame or duration or period or segment) and (forecast or predict \$3) and (response or effect) and resource adj (allocation or utilization) and (optimiz\$5 or efficien \$2) | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPC; JPC;<br>DEFWENT;<br>IBM_TDB | OR | ON | 2008/01/09<br>15:29 |

| S52 | 0   | healthcare adj<br>management and<br>"resource allocation"<br>and cohort and time<br>adj (segment or<br>period or frame)<br>and criteri\$2 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR |    | 2008/01/09<br>18:13 |
|-----|-----|---|---|----|----|---------------------|
| S53 | 14  | healthcare and<br>"resource allocation"<br>and cohort and time  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR |    | 2008/01/09<br>18:13 |
| S54 | 28  | "resource allocation"<br>and cohort and time  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OS | 2008/01/09<br>18:14 |
| S55 | 7   | 954 and @pd <=<br>"20031025"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/09<br>18:15 |
| S56 | 1   | classification near<br>criteria near time<br>near event   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/09<br>18:24 |
| S57 | 0   | cohort near<br>membership near<br>time  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/09<br>18:25 |
| S58 | 116 | strata and cohort<br>and (membership or<br>criteri\$2 or event)<br>and time   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/09<br>18:27 |
| S59 | 29  | 958 and @pd <=<br>"20031025"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/09<br>18:27 |

| S60 | 0   | cohort adj<br>membership near<br>time near event and<br>inclusion   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | <b>8</b> | 2008/01/09<br>18:41 |
|-----|-----|---|---|----|----------|---------------------|
| S61 | 36  | (statistic\$2 with<br>analysis) and<br>((cohort or group or<br>class) with (member<br>\$4 or inclusion or<br>criteri\$2) with (time<br>adj (duration or<br>span or segment or<br>period)))      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON       | 2008/01/10<br>08:26 |
| S62 | 11  | S61 and @pd <=<br>"20031025"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OX       | 2008/01/10<br>08:27 |
| S63 | 43  | (statistic\$2 with analysis) and ((cohort or group or class or strata) with (member\$4 or inclusion or criteri \$2) with (time adj (duration or span or segment or period or frame or window))) | US-PGPUB;<br>USPAT;<br>USPOR; FPRS;<br>EFO; JPO;<br>DEFWENT;<br>IBM_TDB | OR | ON       | 2008/01/10<br>08:44 |
| S64 | 16  | S63 and @pd <=<br>"20031025"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OX       | 2008/01/10<br>08:45 |
| S65 | 0   | (705/7.clss.).COLS.   | USPAT; USOCR  | OR | OFF      | 2008/01/14<br>14:23 |
| S66 | 776 | (705/7).OCLS.   | USPAT; USOCR  | OR | OFF      | 2008/01/14<br>14:23 |
| S67 | 60  | S66 and "resource<br>allocation"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | OR | ON       | 2008/01/14<br>14:24 |

| S68 | 37 | S67 and @pd <=<br>"20031025"     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | S  | 2008/01/14<br>14:24 |
|-----|----|----------------------------------|---|----|----|---------------------|
| S69 | 21 | cohort same<br>dynamic same time | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/06<br>11:34 |

6/ 22/ 2009 11:40:15 AM

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